ease type a plus sign (+) inside this box

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

Co	omplete if Kn wn	
Application Number	09/933,992	
Filing Date	August 21, 2001	
First Named Inventor	David Seidler	
Group Art Unit	3727	
Examiner Name	Robin A. Hylton	
Attorney Docket Number	24016/8	

	•			U.S. PATENT DOCI	UMENTS	
Examiner Initials	Cite No.1	U.S. Patent D	Ocument Kind Code ² (if known)	Name of Patentee or Applicant	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6,196,232		Chkadua	03-06-2001	
	-,					
		1	R	CEIVED		
	_		D	C 1 1 2002	I hereby certification	y that this correspondence is being the United States Postal Service as
		7	FECHNO	LOGY CENTER R3700	First Class M	ail in an envelope addressed to of Patents and Trademarks c. 20231 on the date which appears
					below	12-3-02 Signature
					_ W	Morenday
					Na	if L. Rosenberg reg # 21,088
					+	

			-	FORI	EIGN PATENT DOCUMENT	rs		
Examiner Initials	Cite No.1	Office ³	Foreign Patent Do	cument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
								1
							· · · · · · · · · · · · · · · · · · ·	
		 						+
		 						+
		 						+
						1	<u> </u>	+
		 						+

					í	
Examiner	12.	. 1	Date	a	20/10	
Signature	4 H	Mer	Considered		0005	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.





Atty. Docket No.	09007.0002	Appln. No.	09/933,992	
Applicant	David Seidler			
Filing Date	August 21, 2001	Group:	3727	Examiner: Robin A Hylton

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
RA	6,217,170	4/2001	Hsiao	1		
	2,791,346	5/1957	Tell	17		
	3,370,305	2/1968	Goott et al.		\R	ECEIVED
	3,592,354	7/1971	Nielsen		M	AY 2 9 2003
	3,707,017	12/1972	Paquette			PLOGY CENTER 1937
	5,210,906	5/1993	Aihara et al.			CENTER HS/I
	5,312,144	5/1994	Yoshida et al.			
	5,530,992	7/1996	Baermann		\	
	5,878,878	3/1999	Wu	1/		
	6,035,865	3/2000	Krieger			
	6,408,161	6/2002	Minowa et al.			
	2002/0147026	10/2002	Hsieh			
	4,041,571	8/1977	Blevins			
	3,663,990	5/1972	Shane	1/		
	3,477,091	11/1969	Gordon	1/)	
	3,392,820	7/1968	Azim		/	
	3,334,714	8/1967	Gordon		/	
	2,742,665	4/1956	Stopek			
	2,624,908	1/1953	Irelan			
	2,461,711	2/1949	Wewetzer			
	2,302,661	11/1942	Benson			
	2,003,355	6/1935	Farkas			
RU 1	1,987,533	1/1935	Kreisler		<i>(</i>),	
miner	tulker		Date Considered	9	20 02	

through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449

Patent and Trademark Office - U.S. Department of Commerce



INFORMATION DISCLOSURE CITATION

D FO	WHY 21 MIS INFORMA	ATION DISCLOSURE	: CITATION	OMB No. 0651-0011
Atty. Docket N	00000 0000 0000 0000 0000 0000 0000 0000	Appln. No.	09/933,992	
Applicant	David Seidler			
Filing Date	August 21, 2001	Group:	3727	Examiner: Robin A Hylton

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
lik	1,950,465	3/1934	Whitlock			
	1,760,015	5/1930	Schwabe			
	1,692,300	11/1928	Heitel et al.			
	1,126,217	1/1915	Hough		RE	CEIVFD
	94,000	8/1869	Jones		MAY	2 9 2003
	4,345,697	8/1982	Wilson et al.	,		
1	4,452,373	6/1984	Pearce et al.		EOI INOLO	Y CENTER HOTOL
VA	4,595,115	6/1986	Huynh	1		

	FOREIGN PATE	ENT DOCUMENTS	S					
Document Number	Publication Date	Country	Clas	ss	Sub Class		Translation Yes or No	
GB 2 199 807 A	7/1988	Great Britain	1			$\overline{\Gamma}$		
WO 90/15215	12/1990	PCT				Τ.		
GB 382 471	10/1932	Great Britain					-	
JP 408242934	9/1996	Japan					English Abstract	
JP 409051815	2/1997	Japan					English Abstract	
GB 2 264 975	9/1993	Great Britain						
DE 19036	4/1956	Germany						
DE 861 817	1/1953	Germany						
EP 0 178 504	4/1986	EPO	1				English Abstract	
	Number GB 2 199 807 A WO 90/15215 GB 382 471 JP 408242934 JP 409051815 GB 2 264 975 DE 19036 DE 861 817	Document Number Publication Date GB 2 199 807 A 7/1988 WO 90/15215 12/1990 GB 382 471 10/1932 JP 408242934 9/1996 JP 409051815 2/1997 GB 2 264 975 9/1993 DE 19036 4/1956 DE 861 817 1/1953	Document Number Publication Date Country GB 2 199 807 A 7/1988 Great Britain WO 90/15215 12/1990 PCT GB 382 471 10/1932 Great Britain JP 408242934 9/1996 Japan JP 409051815 2/1997 Japan GB 2 264 975 9/1993 Great Britain DE 19036 4/1956 Germany DE 861 817 1/1953 Germany	Number Date GB 2 199 807 A 7/1988 Great Britain WO 90/15215 12/1990 PCT GB 382 471 10/1932 Great Britain JP 408242934 9/1996 Japan JP 409051815 2/1997 Japan GB 2 264 975 9/1993 Great Britain DE 19036 4/1956 Germany DE 861 817 1/1953 Germany	Document Number Publication Date Country Class GB 2 199 807 A 7/1988 Great Britain WO 90/15215 12/1990 PCT GB 382 471 10/1932 Great Britain JP 408242934 9/1996 Japan JP 409051815 2/1997 Japan GB 2 264 975 9/1993 Great Britain DE 19036 4/1956 Germany DE 861 817 1/1953 Germany	Document Number Publication Date Country Class Surely GB 2 199 807 A 7/1988 Great Britain 7/1988 Great Britain 7/1988 PCT 7/1988 PCT 7/1988 PCT 7/1988 PCT 7/1988 PCT 1/1992 Great Britain 1/1992 PCT 1/1988 1/1988 1/1988 1/1988 1/1988 PCT 1/1988	Document Number Publication Date Country Class Sub Class GB 2 199 807 A 7/1988 Great Britain 7/1988 Great Britain 7/1988 PCT 7/1988 PCT 7/1988 PCT 7/1988 PCT 7/1988 PCT 1/1990 PCT 1/1988 1/1988 PCT 1/1988 1/1988 1/1988 1/1988 1/1988 1/1988 1/1988 1/1988 1/1988	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	RHMAN	Date Considered	9:20	100

Initia of reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next *Examiner: communication to applicant.

Form PTO 1449

Patent and Trademark Office - U.S. Department of Commerce



INFORMATION DISCLOSURE CITATION

Atty. Docket	ABA069007.0002	Appln. No.	09/933,99)2
Applicant	David Seidler			
Filing Date	August 21, 2001	Group:	3727	Examiner: Robin A Hylton

		U.S. PATEN	IT DOCUMENTS				
Examiner Initial*	Document Number	Issue Date	Name	Clas	s	Sub Class	Filing Date If Appropriate
Lls	4,684,017	8/1987	Watanabe et al.	1			
	4,880,139	11/1989	Jumel et al.	\prod			
	4,984,706	1/1991	Cadwell et al.	\prod			RECEIVED
	4,951,968	8/1990	Adams	\prod			1
	4,942,271	7/1990	Corsi et al.	П			MAY 2 9 2003
	5,036,997	8/1991	May et al.	П		TECH	NOLOGY CENTER R3700
	5,161,556	11/1992	Audebourg et al.	П		1	
	5,568,820	10/1996	Dirksing				
	5,638,838	6/1997	Lombardi		\neg		
	5,638,839	6/1997	Montoli				
	5,704,378	1/1998	Machelett		T		
	5,893,481	3/1999	Favre				
	6,129,088	10/2000	Favre		T		
	6,138,686	10/2000	Yuhara				
	6,283,298	9/2001	Seidler				
	6,286,521	9/2001	Joulia				
	6,354,308	3/2002	·Kuk				
	6,484,731	11/2002	Lacout				
	6,513,196	2/2003	Snowden et al.				
PW	2001/0022185	9/2001	Yuhara				

Examiner	Retriction	Date Considered	20	100		
*Examiner:	*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					
Form PTO 14	49	Patent and Trademark Office	- U.	S. Department of Commerce		



INFORMATION DISCLOSURE CITATION

Atty. Docket 107.0002		Appln. No.	09/933,99	2
Applicant	David Seidler	· -		,
Filing Date	August 21, 2001	Group:	3727	Examiner: Robin A Hylton

Examiner Initial*	Document Number	Issue Date	Name	Clas s	Sub Class	Filing Date If Appropriate
RIA	2002/0157684	10/2002	Sebban	T f	1	
	2002/0189631	12/2002	Phue			
	4,315,345	2/1982	Schijf			RECEIVED
	4,308,972	1/1982	McReynolds et al.			RECEIVED
Rut	4,089,467	5/1978	Makowicki	7	I 1	
				1	12011	NOLOGY CENTER R37

	FOREIGN PATE	NT DOCUMENTS	S		
Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

_	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
DIA	English Abstract for JP 408242934
1	English Abstract for JP 409051815
DIA	English Abstract for EP 0 178 154
/	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449

Patent and Trademark Office - U.S. Department of Commerce